

2026 Santa Cruz Vala X0 AXS RSV - Sizing & Geometry

Find Your Size

If you're on the cusp between the recommended height range of two sizes, the absolute best thing is to try to ride them both. At a minimum, check the stack/reach measurements on your current bike and compare it to the new model you are looking at to get an idea of a fit you are already comfortable with. If riding the bike is not an option, consider the following.

Personal Preference

A larger size frame will be more stable, and will give you more room to move without upsetting the weight-balance of the bike. The larger size will put the front wheel further in front of you, which gives the feeling of security and conversely, it will require more significant body movements when you WANT to shift the weight-bias of the bike. Think hard about your riding style and how active/intuitive you want it to be vs stable and speedy. You'll need to work a bit harder to muscle the larger bike around.

Body Dimension

Not all bodies at a given height are the same. If you have longer legs and a shorter torso than the average person your height, that may push you towards the smaller of the recommended sizes. If you're all torso and arms, most likely you'll want to size up.

All units are in millimeters or degrees.

Bike Geometry HI

	S	M	L	XL	XXL
Reach	435	460	480	500	525
Stack	623	632	641	655	668
Head tube angle	64.2°	64.2°	64.2°	64.2°	64.2°
Head Tube Length	110	120	130	145	160
Rear Center	439	440	443	446	450
Front Center	771	800	825	851	883
BB Height	344	344	344	344	344
BB Drop Front	28	28	28	28	28
BB Drop Rear	11	11	11	11	11
Wheelbase	1210	1240	1268	1297	1333
Top Tube Length	573	601	622	645	673
Seat Tube Length	380	400	420	460	500
Seat Tube Angle	77.5°	77.5°	77.5°	77.5°	77.5°
Standover Height	741	735	734	734	728

Bike Geometry LO

	S	M	L	XL	XXL
Reach	432	456	477	497	522
Stack	625	635	643	657	670
Head tube angle	63.9°	63.9°	63.9°	63.9°	63.9°
Head Tube Length	110	120	130	145	160
Rear Center	439	440	443	446	450
Front Center	771	800	825	851	883
BB Height	340	340	340	340	340
BB Drop Front	32	32	32	32	32
BB Drop Rear	15	15	15	15	15
Wheelbase	1210	1240	1268	1297	1333
Top Tube Length	573	601	622	645	673
Seat Tube Length	380	400	420	460	500
Seat Tube Angle	77.2°	77.2°	77.2°	77.2°	77.2°
Standover Height	741	735	734	734	728

Bike Geometry No Chip (Aluminum Only)

	S	M	L	XL
Reach	433	458	478	498
Stack	625	634	643	656
Head tube angle	64.1°	64.1°	64.1°	64.1°
Head Tube Length	110	120	130	145
Rear Center	440	440	445	445
Front Center	771	800	825	851
BB Height	342	342	342	342
BB Drop Front	30	30	30	30
BB Drop Rear	13	13	13	13
Wheelbase	1211	1241	1270	1297
Top Tube Length	578	606	628	652
Seat Tube Length	380	400	420	460
Seat Tube Angle	76.9°	76.9°	76.8°	76.8°
Standover Height	744	745	729	732